

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions, and listings, of the claims in the application:

LISTING OF CLAIMS:

Claim 1 (original) A granulated fertilizer whose components are iron, zinc, manganese, copper, molybdenum, sulphur and clay, wherein its concentrations are iron from 11% to 13%, zinc from 3% to 9%, manganese from 0.1% to 2.5%, copper from 0.5% to 0.7%, molybdenum from 0% to 0.1%, sulphur from 7% to 10%, and from 45% to 57% of clays, giving as a result a pellet with a size of 1.5 to 4.5 millimeters, using a bonding agent. All percentages in weight are based on the total weight of the fertilizer.

Claim 2 (original) A granulated fertilizer according to claim 1, characterized in that iron is monohydrated iron sulphate or heptahidrated iron sulphate.

~~Claim 3 (original) A granulated fertilizer according to claim 1,~~
characterized in that zinc is monohydrated zinc sulphate.

Claim 4 (original) A granulated fertilizer according to claim 1, characterized in that manganese is monohydrated manganese sulphate.

Claim 5 (original) A granulated fertilizer according to claim 1, characterized in that copper is heptahydrated copper sulphate.

Claim 6 (original) A granulated fertilizer according to claim 1, characterized in that molybdenum is tetrahydrated ammonium molybdate.

Claim 7 (original) A granulated fertilizer according to claim 1, characterized in that clay is a caolinite, illinite or montmorillonite or a mixture of any of the above in any proportion.

Claim 8 (original) A granulated fertilizer according to claim 7, characterized in that the mixture of clays contains from 0 to 15% iron, based on the total weight of the mixture of clays.

~~Claim 9 (original) A granulated fertilizer according to claim 1,~~
characterized in that the bonding agent is calcium oxide in a concentration of 0.05 to 0.3%, based on the total weight of the fertilizer.

Claim 10 (original) A granulated fertilizer according to claim 1, characterized in that the pellet is 100% soluble in a period of approximately 30 minutes at a temperature of 25°C.

Claim 11 (original) A granulated fertilizer according to claim 1, characterized in that the granulated fertilizer has a pH of 3.5 to 5.

Claim 12 (original) A granulated fertilizer according to claim 1, characterized in that the granulated fertilizer has a moisture of 2 to 6%.

Claim 13 (original) A granulated fertilizer according to claim 1, characterized in that the granulated fertilizer has a hardness of 1.9 to 2.3 Kg/cm².

Claim 14 (canceled) ~~A method for preparing a fertilizer like the one quoted in claim 1.~~

~~Mix the iron sulphate, zinc sulphate, copper sulphate, manganese sulphate, ammonium molybdate and pulverized montmorillonite, illite or caolinite clay until a homogeneous mixture of dusts is obtained which will be fed onto a pelletizing plate where a mixture of water and calcium oxide will be added, as a bonding~~

~~agent, by means of a sprinkler. The mixture of dusts will remain on the pelletizing plate enough time to obtain pellets. The pellets will then be fed into a drying oven where they will lose moisture and will later be sifted.~~

Claim 15 (new) A method for preparing a fertilizer like the one quoted in claim 1, characterized by

-mix the iron sulphate, zinc sulphate, copper sulphate, manganese sulphate, ammonium molybdate and pulverized montmorillonite, illite or caolinite clay until a homogeneous mixture of dusts is obtained;

-fed this mixture onto a pelletizing plate;

-added to this mixture, a mixture of water and calcium oxide, as a bonding agent, by means of a sprinkler;

-let remain all this mixture on the pelletizing plate enough time to obtain pellets;

-fed the pellets into a drying oven where they will lose moisture and will later be sifted.